

9/1/02

VOLUMETRICS

**CERTIFIED HOT MIX ASPHALT PRODUCER
QUALITY CONTROL PLAN CHECKLIST**

DATE _____

PLANT NO. _____

PRODUCER _____

PLANT LOCATION _____

- ☐ County
- ☐ Nearest Identifiable Point

ORGANIZATIONAL STRUCTURE

Management Representative

- ☐ Employer
- ☐ Duties
- ☐ Telephone Number

Certified Technician(s)

- ☐ Employer
- ☐ Duties
- ☐ Telephone Number
- ☐ * Duties

* Other Personnel

- ☐ Duties

LABORATORY

- ☐ * Other Testing Company and Location of Lab
- ☐ * Transportation of Mixture to Lab
- ☐ List of Equipment Calibrated or Verified
- ☐ Test Methods and Frequency of Calibration/Verification
- ☐ Access Statement

- Only If Applicable

MIXING PLANT

Site Layout

- [] Aggregate and Recycled Material Stockpile Area
- [] Binder Tanks
- []* Fuel Tank
- []* Additive or Modifier Supply
- []* Anti-Adhesive Supply
- []* Field Laboratory
- [] Visitor Parking Area
- [] Mixing Plant Components

Material Stockpiles

- [] Identification of Stockpiles
- [] Stockpiling Procedure for Aggregates
- []* Stockpiling Procedure for Recycled Materials
- [] Cold Bin Loading Procedures

Mixture Calibrations

- [] Procedure

Binder

- []* Plan for Change in Binder Grades

Baghouse Fines

- []* Procedure for Return of Fines

Anti-Adhesive Agent

- []* Statement that Agent is on Approved List
- []* Procedure for Application

Surge Bins

- []* Written Approval for Extended Storage
- []* Procedure for Sealing

Trucks

- [] Procedure for Loading Trucks

Production and Placement

- [] Procedure for Balancing the Production and Placement

* Only If Applicable

MATERIALS SAMPLING AND TESTING - QC/QA HMA

Aggregate Stockpiles

- [] Sampling Procedure
- [] Sample Reduction Procedure
- [] Size of Sample
- [] Gradation Test Method
- [] Testing Frequency for each Aggregate is stated

Blended Aggregate (Hot Bin, Cold Feed Belt, or Belt Discharge)

- [] Location of Sample
- [] Sampling Procedure
- [] Sample Reduction Procedure
- [] Size of Sample
- [] Gradation Test Method
- [] Testing Frequency for each Mixture is stated

* Recycled Materials

- [] Location of Sample
- [] Sampling Procedure
- [] Sample Reduction Procedure
- [] Size of Sample
- [] Binder Content Test Method
- []* Fines Correction Procedure
- []* Gradation Test Method
- [] Moisture Content Test Method
- [] Coarse Aggregate Angularity Test Method
- [] Testing Frequency is stated

Hot Mix Asphalt -- Plant

- [] Binder Content
 - [] Location of Sample
 - [] Sampling Procedure
 - [] Sample Reduction Procedure
 - [] Size of Sample
 - [] Test Method
 - []* Fines Correction Procedure
 - [] Testing Frequency for each Mixture is stated
- [] Moisture Content
 - [] Test Method
- [] Temperature
 - [] Procedure

* Only If Applicable

MATERIALS SAMPLING AND TESTING - QC/QA HMA (continued)

Hot Mix Asphalt -- Pavement

- [] Bulk Specific Gravity
 - [] Location of Sample
 - [] Sampling Procedure
 - [] Sample Reduction Procedure
 - [] Size of Sample
 - [] Test Method
 - [] Testing Frequency for each Mixture is stated
- [] Maximum Specific Gravity
 - [] Location of Sample
 - [] Sampling Procedure
 - [] Sample Reduction Procedure
 - [] Size of Sample
 - [] Test Method
 - [] Testing Frequency for each Mixture is stated
- [] Binder Content
 - [] Location of Sample
 - [] Sampling Procedure
 - [] Sample Reduction Procedure
 - [] Size of Sample
 - [] Test Method
 - []* Fines Correction Procedure
 - [] Testing Frequency for each Mixture is stated
- [] Moisture Content (Surface Mixture Only)
 - [] Test Method

MATERIALS SAMPLING AND TESTING - HMA

Hot Mix Asphalt

- [] Binder Content
 - [] Location of Sample
 - [] Sampling Procedure
 - [] Sample Reduction Procedure
 - [] Size of Sample
 - [] Test Method
 - [] Testing Frequency for each Mixture (Min. - First 250 t and each subsequent 1000 t for base and intermediate mixtures and first 250 t and each subsequent 600 t for surface mixtures)
- [] Coarse Aggregate Angularity
 - [] Test Method

MATERIALS SAMPLING AND TESTING - HMA (continued)

- [] Bulk Specific Gravity
 - [] Location of Sample
 - [] Sampling Procedure
 - [] Sample Reduction Procedure
 - [] Size of Sample
 - [] Test Method
 - [] Testing Frequency for each Mixture (Min.- First 250 t and each subsequent 1000 t for base and intermediate mixtures and first 250 t and each subsequent 600 t for surface mixtures)
- [] Maximum Specific Gravity
 - [] Location of Sample
 - [] Sampling Procedure
 - [] Sample Reduction Procedure
 - [] Size of Sample
 - [] Test Method
 - [] Testing Frequency for each Mixture (Min.- First 250 t and each subsequent 1000 t for base and intermediate mixtures and first 250 t and each subsequent 600 t for surface mixtures)

OTHER PROCESS CONTROL TECHNIQUES

- []* Types or Greater Frequencies of Testing
- []* Visual Checks and Monitoring

ADDENDA

- [] Means or Handling Addenda - Includes Time Commitment
- [] Statement Concerning Plant Number, Date of Revision, and Means of Identifying Revision.

DOCUMENTATION

- [] Control Charts
- [] Test Data
- [] Diary
- [] List of Documents on File at Plant or Lab

AUTHENTICATION

- [] Last Page
- [] Signature Block Signed and Dated
- [] Title of Management Representative indicated

* Only If Applicable